

Case by Miyake et al (2000)

The focus of the case study was understanding the processes involved in deliberately inhibiting a dominant response.

Three tasks were studied:

- The Stroop Task
- The Anti-Saccade Task
- The Stop-Signal Task

The Stroop Task

- Participants must name the color in which color words are presented
- Must refrain from saying the color of the word
 - o RED printed in the color Green

The Anti-Saccade Task

- Visual cue is presented
- The task involves not looking at the cue, but inhibiting that response and looking in the opposite direction

The Stop-Signal Task

- Participants categorize words as rapidly as possible, but must inhibit response when the tone sounds

Conclusion:

All 3 tasks involved similar processes and this was deemed a relatively pure measurement of the inhibition process.

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